

The graph shows a periodic waveform with a peak value of 16 and a minimum value of 20. The period is labeled 18. The waveform is labeled 14.

FIG. 1C

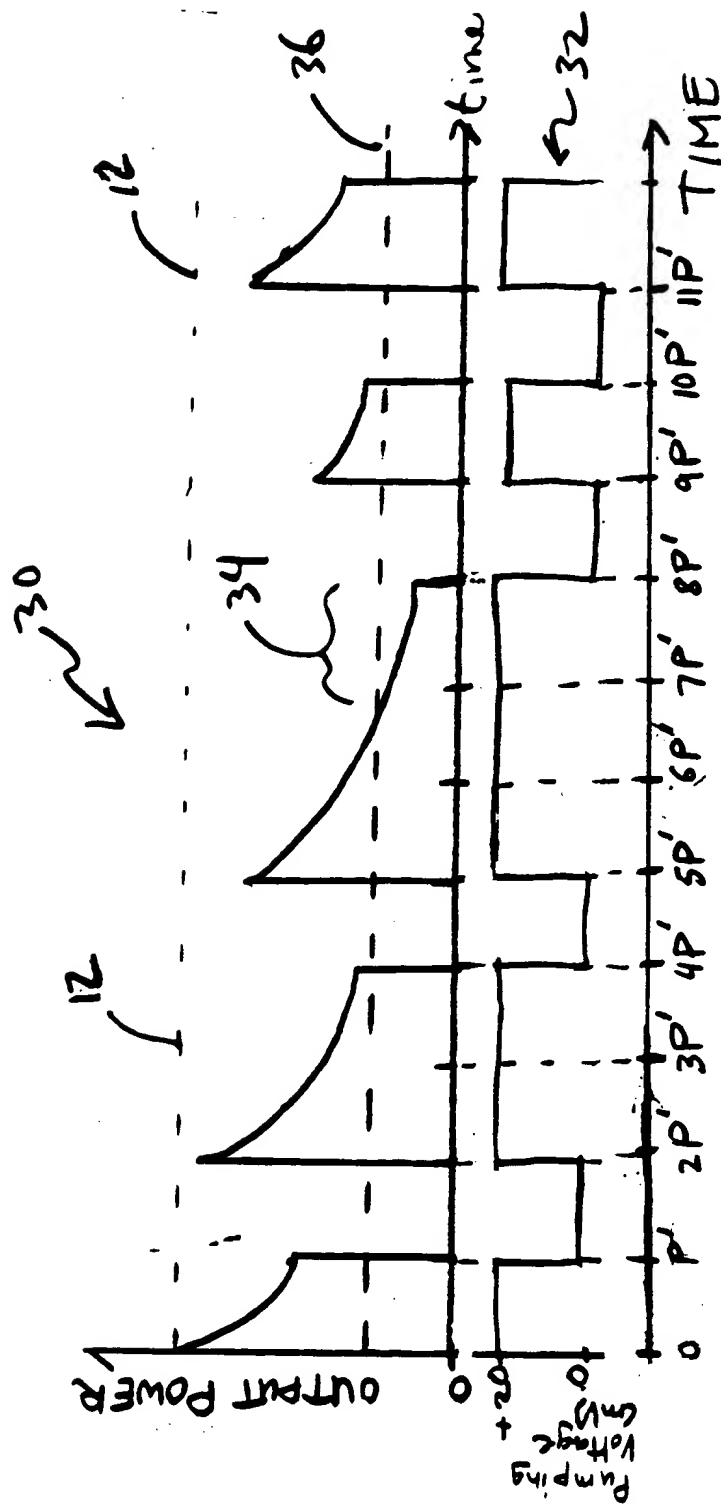


FIG. 2

FIG. 3A

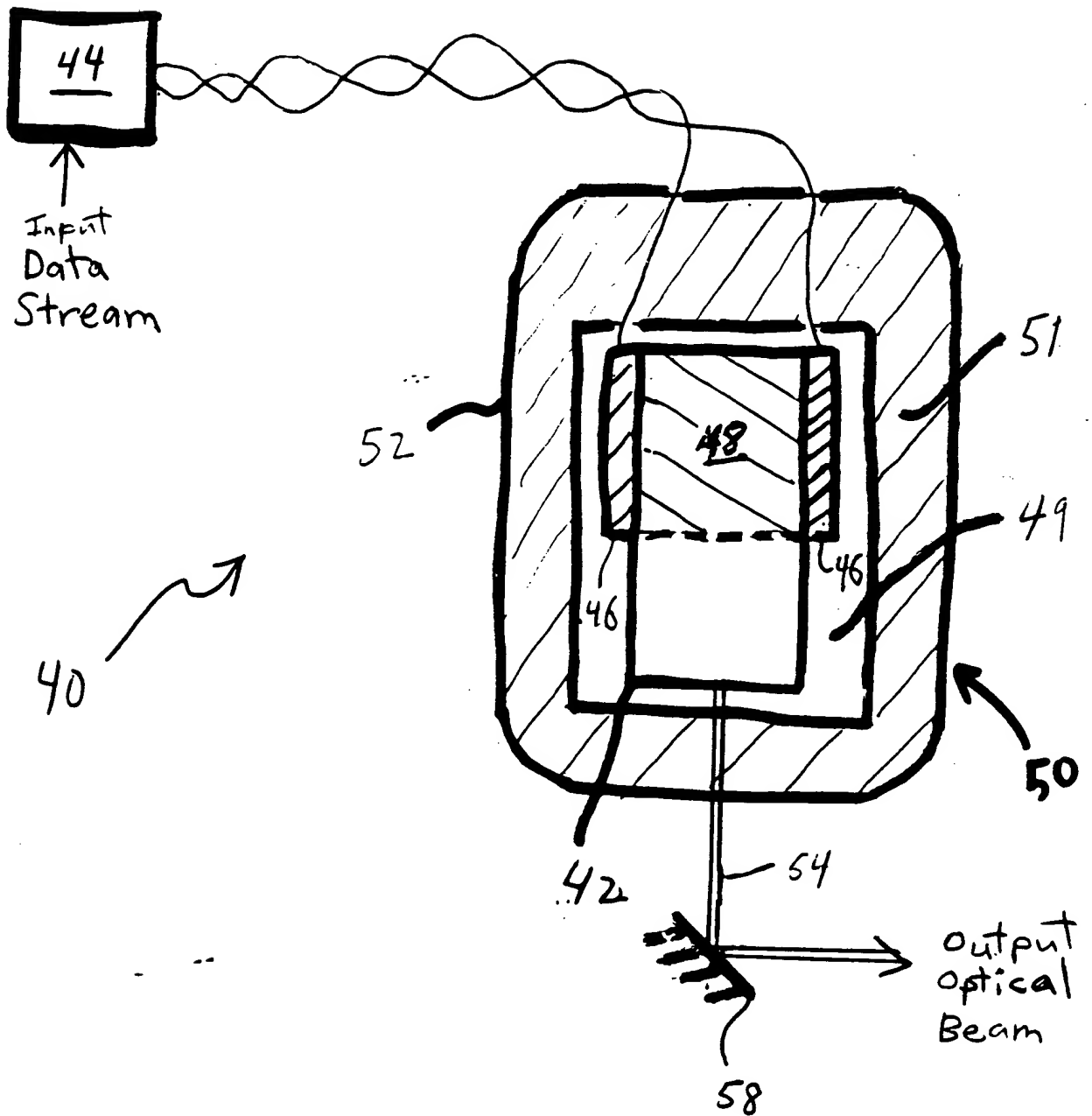


FIG. 3A

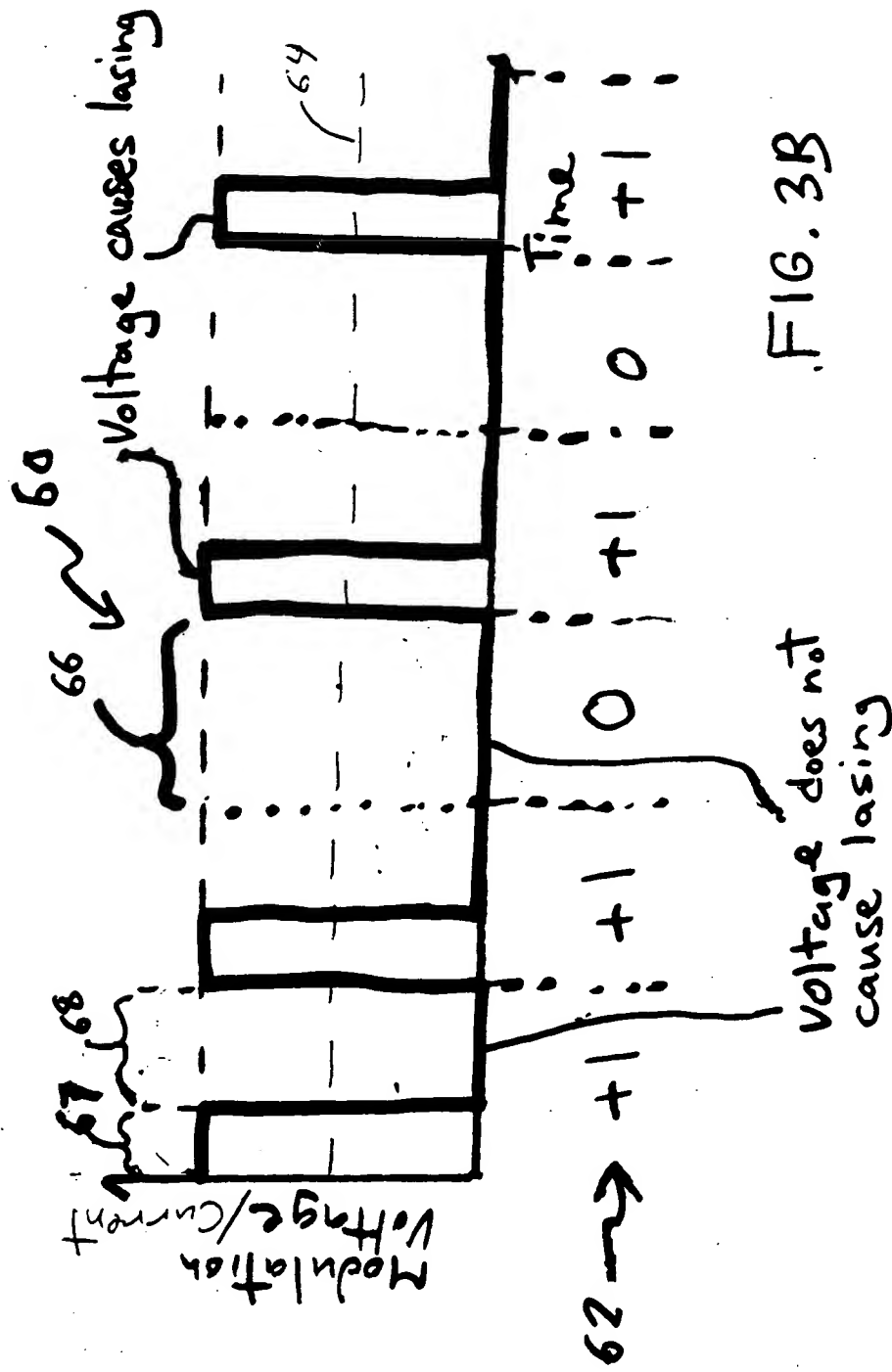
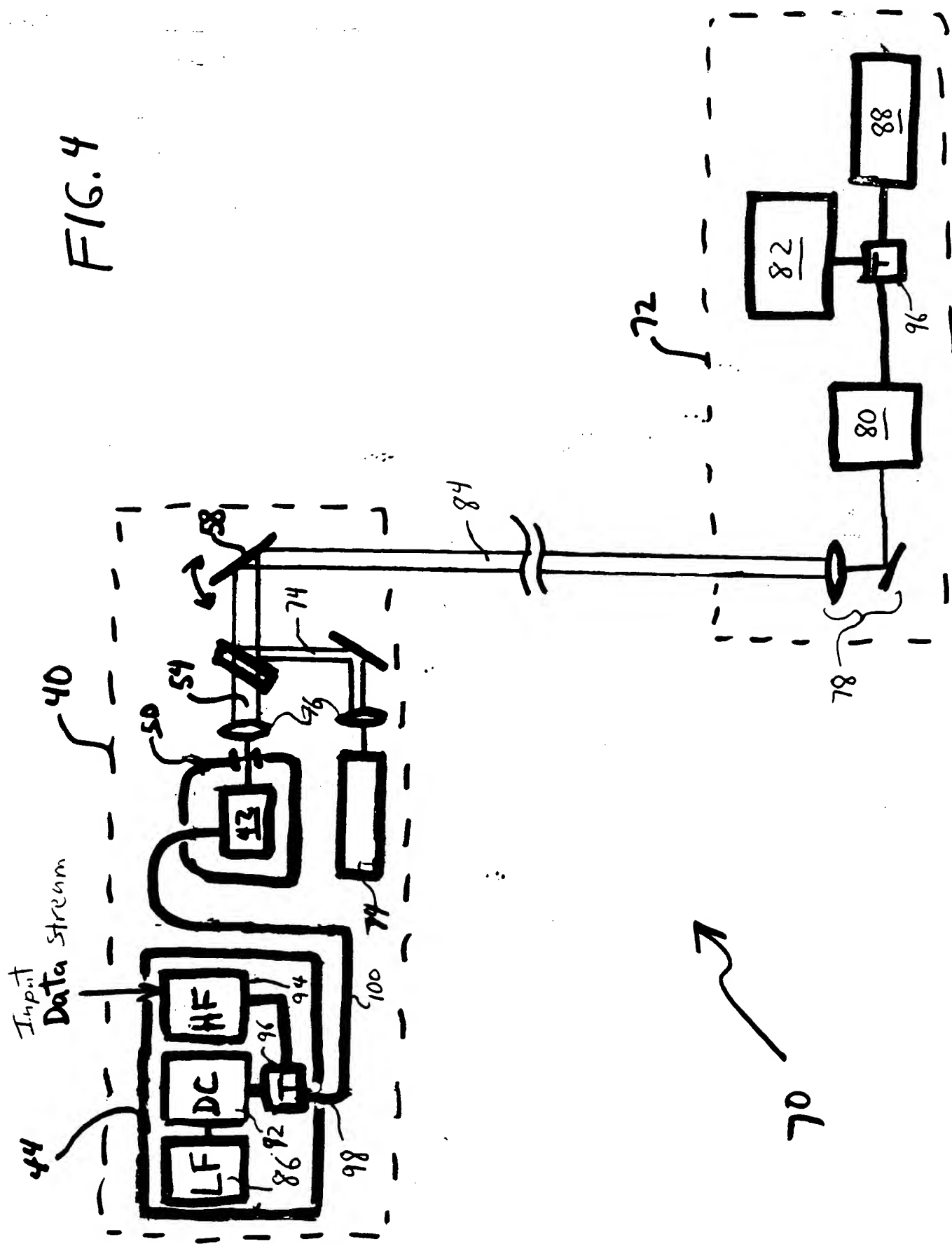


FIG. 3B



Receive input stream of data values

112

Directly modulating a laser with a stream of **pumping** signals representative of corresponding ones of the data values

114

Transmitting a stream of optical pulses produced by the modulating to a communications channel

116

FIG. 5



110

050505703.052904

THE UNIVERSITY OF CHICAGO

